

### REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated August 1, 2007 has been received and its contents carefully reviewed.

Claims 1, 6, 15, 17, 22 and 31 are currently amended. Claims 5, 7, 8, 21, 23 and 24 have been canceled without prejudice or disclaimer. Claims 1-4, 6, 9-20, 22 and 25-32 are currently pending. Reexamination and reconsideration of the pending claims is respectfully requested.

In the Office Action, claims 1-8, 11, 12, 17-24, 27 and 28 are rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,043,511 to Kim (hereinafter "Kim") in view of U.S. Patent No. 6,750,475 to Izumi et al. (hereinafter "Izumi") and U.S. Publication No. 2002/0081847 to Jo et al. (hereinafter "Jo"), and further in view of U.S. Patent No. 5,739,877 to Onisawa et al. (hereinafter "Onisawa"). Claims 9, 10, 25 and 26 are rejected under Kim in view of Izumi and Jo, in view of Onisawa, and further in view of U.S. Patent No. 6,091,464 to Song (hereinafter "Song"). Claims 13-16 and 29-32 are rejected under Kim, in view of Izumi and Jo, in view of Onisawa, and further in view of U.S. Patent No. 6,674,502 to Terakado et al. (hereinafter "Terakado").

Independent claims 1 and 17, as amended, are allowable over the cited references in that the claims each recite a combination of elements including, for example, "the gate electrode, the gate line and the gate pad electrode have a double-layered structure... the data line, the source and drain electrodes, and the data pad electrode have a double-layered structure... the first and second barrier metal layers include a metallic material that has a good adhesive characteristic to the substrate and prevents a reaction between the second copper layer and both the active layer and the ohmic contact layer; ...." None of the cited references, singly or in combination, teaches or suggests at least these features of the claimed invention. Accordingly, Applicant respectfully submits that claim 1, claims 2-4, 6 and 9-16 which depend therefrom, claim 17, and claims 18-20, 22 and 25-32 which depend therefrom, are allowable over the cited references.


Applicants believe the foregoing remarks place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: 29 October 2007

Respectfully submitted,

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